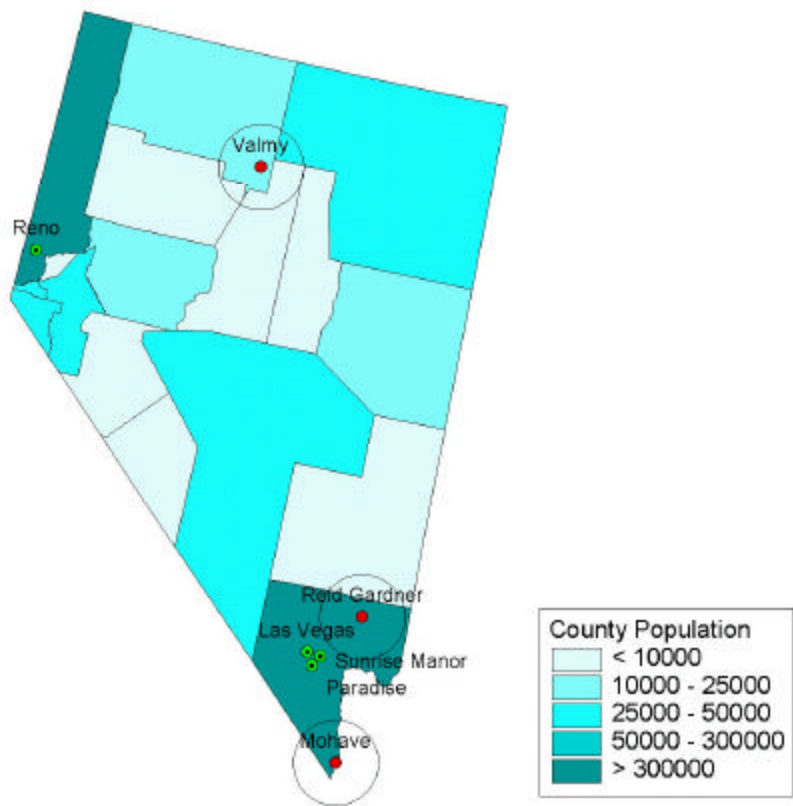


Nevada State Profile of Exposure to Coal-Fired Power Plants



Map Legend

Circles Represent a Thirty Mile Radius around Power Plants

Major Cities are Shown

State Profile

Total Number of Power Plants	3
Total Reported Releases	
Air	20,289,092
Land	547
Water	0
Total Lake Acres/River Miles under Mercury Fish Advisory	0 / 0
Total Ozone Non-Attainment Areas	1

Exposure Within 30 Mile Radius

Total Population	55,155
Total Number of Children	11,529
Total Number of Children in Poverty	2,146
Total Number of Children With Asthma	929

Environmental Release Profile

Air Releases are for 2000

Land and Water Releases are for 1998

Nevada

Air Releases (tons except where noted)

Land Waste in Tons (on site (off site))

Plant Name	County	Air Releases (tons except where noted)									Land Waste in Tons (on site (off site))				
		Total Reported Air Releases	NOx	SO2	CO2	PM2.5	PM10	VOCs	Acid Gases	Mercury (lbs)	Total Reported Land releases	Arsenic	Chromium	Nickel	Total Reported Water Releases
Mohave	Clark	10,914,741	21,740	42,750	10,848,287	592	1,304	145	515	227	224	0 (0)	2 (0)	2 (0)	0
Reid Gardner	Clark	5,360,748	9,585	2,977	5,343,704	1,980	4,401	62	19	145	276	0 (0)	22 (0)		0
Valmy	Humboldt	4,013,603	7,189	7,240	3,998,874	71	191	50	59	77	47	0 (0)	0 (0)		0
Total		20,289,092	38,514	52,967	20,190,865	2,643	5,897	257	592	449	547	0 (0)	24 (0)	2 (0)	0

Notes and Sources: All releases are given in tons per year except for mercury which is given in pounds per year. Total air releases is the sum of NOx, SO2, CO2, PM10, VOCs, acid gases, and mercury (PM2.5 is included in PM10). The specific land waste metals were chosen due to their potential to contaminate groundwater. Metals listed Include metals and their compounds. The Total Reported Land Releases column does not reflect all solid waste generated from coal-fired power plants. Water releases include total releases from the Toxics Release Inventory (TRI). SO2, NOx, and CO2 emissions come from the EPA's Continuous Emissions Monitoring System data for 2000. Mercury is calculated by applying the mercury emission rates developed in "Mercury Falling" (Environmental Working Group, Clean Air Network, and NRDC, 1999) to the heat input reported in the EPA CEMS data for 2000. PM2.5, PM10, VOCs, and acid gas emission rates were calculated based on the Clean Air Network's data for 1998 emissions. The emission rates were applied to the heat input for 2000. All other data came from the Clean Air Network 1998 data. All calculations were done by MSB Energy Associates for the Clean Air Task Force.

Nevada Exposure Profile for Children Within 30 Miles of a Coal-Fired Power Plant

Data Sources: U.S. Census Population Estimates for 1997; "Estimated Prevalence and Incidence of Lung Disease by Lung Association Territory," American Lung Association, 2001 (data is for 1998).

Exposure from Plants in State

Plant	State	County	Exposed Population	Children Under 18	Children in Pediatric Poverty	Asthma
Reid Gardner	NV	Clark	24,870	4,489	1,035	386
Mohave	NV	Clark	9,479	1,586	384	144
Valmy	NV	Humboldt	20,491	5,403	714	394